



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Division of Air Pollution Control--Field Operations Section

MEMORANDUM

DATE: November 24, 1987 Date of Inspection: November 10, 1987
TO: M. Zamco-APC-Springfield Last Insp. Date: July 18, 1986
FROM: R. Jennings/W. Kahila *UK* Region/District: II/201
SUBJECT: Facility: Allied Iron and Steel Co. I.D. #: [REDACTED]
Address: 2900 W. Clarke, Peoria, Illinois 61607
Contact/Title: John Miller, Manager Phone: 309/637-7756

PRE-INVESTIGATION STATUS: Other - (U)A-1

INSPECTION FINDINGS: No Violation - TAS Checked.

- Form 177

- Compliance Flow RECEIVED
DEC 02 1987

This facility is a scrap metal operation. It has an automobile shredder and a copper wire burner. The wire burner is still roped off and has not been used since last spring when dioxin was found in its ash. The auto shredder chops up junk cars and separates the steel from the other materials.

Also on site is a small aluminum melter. This unit melts aluminum materials in order to separate non-aluminum components. For example, an aluminum casting with steel screws is melted. The aluminum melts and is poured off. The steel stays behind. This unit is used only about three or four days per year. It is fired with propane.

Permit No. 76050058 covers the auto shredder and expires in November, 1989. Permit No. 86080070 covers the aluminum melter and expires in November, 1991. Permit No. 80010078 covers the wire incinerator and expires in February, 1988, but the Company has agreed not to use it anymore.

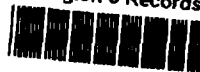
Emissions:

auto shredder 900 lbs/hr potential uncontrolled
 36 lbs/hr after cyclones and wet scrubber
 43 lbs/hr allowed

WK/lc
0136F

cc: -W. Kahila
 -D. Hayden
 -L. Benson
 -I.D. File

EPA Region 5 Records Ctr.



288645

11/30/87

Facility Inspection
Allied Iron and Steel Co.
ID #143 065 ALY

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John Miller of Allied said that the cyclone for the ripple box of the shredder had clogged with wire shortly after startup at 5:30 a.m. and as a result fluff exited the stack until employees became aware of the situation and shut down the unit at approximately 6:45 a.m. Fallout continued for some time afterwards, however, due to the quantity emitted.

Mr. Miller agreed to send employees to the car lot to wash cars and sweep the lot.

An additional complaint has been received from a resident regarding fluff on his car and lot. He was referred to John Miller for cleanup.

A CIL will be sent to Allied for violations of 9(a) and 201.141.

Photos and a sample of fluff were taken.

WK/lb
0136F

cc: -W. Kahila
-D. Hayden
-L. Benson
-I.D. File